

4 Match the words (1-6) with the definitions (A-F).

- 1 __ data 4 __ attribute
2 __ classify 5 __ category
3 __ weight 6 __ measurement

- A to put something in group or category
B a feature or characteristic of something
C a measurement of how heavy an object is
D the action of determining the size or degree of something
E a division or class that contains items with a certain characteristic
F the information collected by some type of measurement or analysis

5 Listen and read the standards guide again. What type of measuring instruments should students be able to use?

Listening

6 Listen to a conversation between a teacher and an assistant. Mark the following statements as true (T) or false (F).

- 1 What is the conversation mostly about?
A an upcoming math unit
B ways to help struggling students
C the lesson they taught yesterday
D how students are currently progressing
- 2 What will the speakers focus on first?
A teaching students how to use measuring devices
B teaching students how to compare different objects
C teaching students how to collect data about objects
D teaching students about the attributes of objects

7 Listen again and complete the conversation.

Teacher: Let's plan for our next math unit.

Assistant: Okay. We're teaching about 1 _____ next, right?

Teacher: Right. I'd like to start with teaching students the different 2 _____ objects can have.

Assistant: Such as weight, length, and 3 _____?

Teacher: Yes. I want to make sure students understand those terms.

Assistant: That sounds like a great 4 _____ . What will we teach after that?

Teacher: After that, I'd like to have students start comparing different objects.

Assistant: Such as a 5 _____ object and a light object?

Teacher: Yes. I want students to be able to tell which object has 6 _____ of a given attribute.

Speaking

8 With a partner, act out the roles below based on Task 7. Then, switch roles.

USE LANGUAGE SUCH AS:

Let's plan for ... / We'll start by ...

After that, we'll ...

Student A: You are a teacher. Talk to Student B about:

- an upcoming unit on data and measurement
- your plans for teaching the unit
- the order in which you will introduce the concepts

Student B: You are an assistant. Talk to Student A about a unit on data and measurement.

Writing

9 Use the standards guide and conversation from Task 8 to create an ordered list of teaching goals for a unit on data and measurement. Include: a description of your goals and the concepts you plan to teach, and a discussion of the skills and abilities you want students to achieve.